

SEP 0 5 2000 GROUP 2700

n PTO—	1449			Docket Number	Application Num	iber
NFORM	IATION DISCLOS		ΠΟN	Applicant		
	IN AN APPLICA	ATION			bert Hyatt	
				Filing Date	Group Art Unit	
			U.S. PA	TENT DOCUMEN	TS	
AMINER NITIAI	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLAS
1	3,629,837	12/1971	Fraun	felder et al	455	38.4
'/X	3,701,019	10/1972	Jackso	on	340	518
177	3,899,662	08/12/75	Kreeg	er et al	235	151
	3,952,296	04/1976	Bates		345	197
1/10	3,958,220	02/1986	Marsh	nall		
.X	4,179,586	12/1979	Mathe	ews et al	380	33
\mathcal{M}	4,188,580	02/1980	Nicola	ai et al	380	254
M/	4,188,618	12/1971	Weist	part	340	870.16
B	4,494,140	01/1985	Micha	ael	348	415
	4,496,972	01/1985	Lippn	nann et al		
ix	4,543,572	09/24/85	Tanak	ca et al	340	995
\ \	4,600,919	07/1986	Stern		345	473
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A A	Meagher, Donald IEEE, pp. 473-47				(Including Author, Title, Date, Pa f Arbitrary 3-D Objec	
A	Pertinent Concep	ots in Comput	er Graph	ics edited by M. Fain	nan and J. Nievergelt	(03/1969)
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GROUP 2700

Form PTO—1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
IN AN APPLICATION

Gilbert Hyatt
Filing Date

ILS. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	2 500 100	00/71	Rubinstein	365	150
(XXX)	3,599,180	08/71			
(4)	3,641,331	02/72	Kreidermacher	708	624
1 (1)//	4,125,873	11/78	Chesarek		
	4,654,877	03/87	Shimoni, et al.		
$ \vee $	1		<i>3</i>		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

28/

Brickman, N.F., <u>LARGE SCALE INTEGRATION</u>, IBM Tech. Discl. Bul. pp. 1927-1928, Vol. 13 No. 7, Dec. 1970

Brickman, N.F., <u>REDUNDANT MEMORY CELL AND DECODER</u>, IBM Tech. Discl. Bul.,

Vol. 13 No. 7, Dec. 1970

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 5 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							
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INFORMATION DISCLOSURE CITATION
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Docket Number Application Number RECEIVED

Applicant SEP 0 5 2000

Gilbert Hyatt

Filling Date Group Art Unit GROUP 27000

EXAMINER INTTIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
1	2,811,579	10/29/57	Loughren	348	760
- 1	3,649,755	03/14/72	Newman	348	602
	3,786,307	01/15/74	Robinson	315	169TV
1	3,895,861	07/22/75	Herndon	352	69
	3,975,661	08/17/76	Kanatani	348	78
$\backslash \mathcal{N}$	4,006,298	02/01/77	Fowler et al	345	147
	4,087,792	05/02/78	Asars	345	147
	4,160,191	07/03/79	Hausfeld	315	169.4
N	4,266,253	03/05/81	Matherat	345	27
\/\ \	4,357,624	11/1982	Greenberg	348	578
V 7	4,386,367	05/31/83	Peterson et al	348	446
$\wedge k$	4,430,673	02/1984	Salomon et al		
/ YI	4,533,950	08/1985	Harshbarger		
1 /11	4,589,022	05/13/86	Prince et al	348	602
141	4,716,405	12/29/87	Yamaguchi	340	723
12	4,766,430	08/23/88	Gillette et al	345	89
	4,827,085	05/02/89	Yaniv et al	345	164
/ Y	4,839,743	06/1989	Best et al	386	31
_ / _ /	4,965,559	10/23/90	Dye	340	717
	5,122,791	06/16/92	Gibbons et al	345	102
	5,185,602	02/09/93	Bassetti, Jr. et al	345	89
	5,196,839	03/23/93	Johary et al	340	793
11~	5,233,340	08/03/93	Yamaguchi et al	345	148
\ '	5,262,698	11/16/93	3 Dunham	315	169.1
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PTO/SB/ 08 (2-92)

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Form PTO—1449 Docket Number Application

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Gilbert Hyatt

Filling Date

Group Art Unit

U.S. PATENT DOCUMENTS							
EXAMINER INITUAL	DOCUMENT NUMBER	DATE	ZMAN	CLASS	SUBCLUSS		
N I	-		·				
	3,178,148	04/65	McKenna	395	555		
1//	3,252,148	05/66	Mitchell	327	144		
111	3,532,813	10/06/70	Lechner				
\ \ \ \	3,573,852	04/71	Watson	395	677		
<i> </i>	3,617,718	11/71	Dummermuth	318	571		
	3,676,585	07/11/72	Kaneko et al	178	6.8		
	3,702,462	11/72	England	395	821		
	3,705,310	12/72	Wild	349	24		
	3,732,366	05/08/73	Bolie	340	146.3		
1/16	3,742,483	06/73	Ogle	345	69		
I/	3,776,615	12/73	Tsukamoto et al	345	87		
V = V = V	3,781,865	12/25/73	Yamazaki				
	3,899,786	08/75	Greubel et al	345	32		
	3,915,548	10/75	Opittek et al	345	87.		
1/ /	4,005,928	02/77	Kmetz et al	345	195		
	4,198,630	04/15/80	Sarinken et al				
1 / 1/1	4,205,389	05/80	Heartz	345	524		
1 / 11	4,245,248	01/13/81	Netravali et al	358	136		
	4,287,529	09/81	Tatami et al	348	616		
$\{1,1,1\}$	4,317,169	02/82	Panepinto, Jr. et al	711	106		
1141	4,427,978	01/24/84	Williams				
Π Λ	4,581,721	04/86	Gunawardana	365	230.09		
\prod	4,591,848	05/27/86	Morozumi et al				
	4,591,902	05/86	Masubuchi	345	147		
	4,628,158	12/04/86	Rubin	379	10		
\	4,677,576	06/30/87	Berlin, Jr. et al	364	522		
$ \cdot $	4,723,171	02/02/88	Kuijk et al				

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PTO/SB/ 08 (2-92)

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Docket Number Form PTO-1449 Applicant INFORMATION DISCLOSURE CITATION IN AN APPLICATION Gilbert Hyatt Filing Date U.S. PATENT DOCUMENTS NAME حسع DATE SUBCLASS EXAMINER DOCUMENT NUMBER Hannah 345 147 09/88 4,771,279 12/13/88 Bobak 4,791,417 4,930,049 05/29/90 Davenport et al 5,124,695 08/23/92 Green OTHER DOCUMENTS (Including Author, Tale, Date, Pertinent Pages, Etc.)

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PTO/SB/ 08 (2-92)

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FORMATION DISCLOSURE CITATION
IN AN APPLICATION
IN Gilbert Hyatt
Filing Date

Sheet 1 of 1
Application Number

Applicant

Group Art Unit

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	U.S. PATENT DOCUME		CLASS	SUBCLASS
~ [
IV	3,099,781	07/1963	Herchenroeder	_	18	571
1 1	3,121,861	06/1960	Alexander	3	345	207
717	3,465,298	09/1969	La Duke	3	64	474.01
<i>\\\\\</i>	3,576,540	04/1971	Fair	3	864	138
////	3,591,781	07/1971	Brenza	. 3	364	474.28
111	3,612,976	10/1971	Tripp	3	364	183
4	3,633,013	01/1972	Dummermuth	3	318	571
110	3,653,161	04/1972	Clark	3	318	569
1 / 1	3,699,317	10/1972	Middleditch	3	364	474.29
\ X	3,883,728	05/13/75	Schwartz et al	. 2	235	152
/ W	4,553,222	11/1985	Kurland et al	7	705	15
\searrow	4,614,941	09/1986	Jarvis			
/ \	4,679,082	07/1987	Shibasaki	3	348	466
/ /	4,803,551	02/1989	Park		348	466
	4,820,222	04/1989	Holmberg et al	3	345	93
	4,829,372	05/1989	McCalley et al		348	7 ·
	4,897,724	01/1990	Veldhuis			
IX	4,965,825	10/1990	Harvey et al	:	380	9
1 , 1	5,081,523	01/1992	Frazier	:	348	178
\ \ \ /	5,867,166	02/02/99	Myhrvold et al		345	419
\bigvee						
			OTHER DOCUMENTS	(Including Author, Title,	, Date, Pert	inent Pages, Etc.

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Foley et al., Computer Graphics: Principles & Practice, p. 4-7, 201-203, 230-231, 350-351, 364-371, 864-871 (1992)

EXAMINER

DATE CONSIDERED

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Docket Number Form PTO-1449 Applicant INFORMATION DISCLOSURE CITATION IN AN APPLICATION Gilbert Hyatt Filing Date Group Art Unit U.S. PATENT DOCUMENTS EXAMINER INTITAL NAME DATE CLASS SUBCLASS DOCUMENT NUMBER Gall et al 358 78 4,533,942 8/1985 4,651,287 364 519 3/1987 Tsao

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Form PTO-1449	Docket Number 307	Application Number 07/848,017		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Gilbert Hyatt			
	Filing Date	Group Art Unit		
	April 3, 1986			

April 3, 1986					
			U.S. PATENT DOCUMENTS		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	2,811,579	10/29/57	Loughren	348	760
	3,099,781	07/1963	Herchenroeder	318	571
1 \ V	3,121,861	06/1960	Alexander	345	207
$\int \int dx dx$	3,178,148	04/65	McKenna	395	555
\\\/ \	3,252,148	05/66	Mitchell	327	144
/// /	3,465,298	09/1969	La Duke	364	474.01
 	3,532,813	10/06/70	Lechner		
	3,573,852	04/71	Watson	395	677
I \(\)	3,576,540	04/1971	Fair	364	138
/"	3,591,781	07/1971	Brenza	364	474.28
$\mathbb{I} = \mathbb{W}_{-}$	3,599,180	08/71	Rubinstein	365	150
$I \wedge V$	3,612,976	10/1971	Tripp	364	183
1 / Y	3,617,718	11/71	Dummermuth	318	571
1/ N	3,629,837	12/1971	Fraunfelder et al	455	38.4
	3,633,013	01/1972	Dummermuth	318	571
	3,641,331	02/72	Kreidermacher	708	624
\	3,649,755	03/14/72	Newman	348	602
	3,653,161	04/1972	Clark	318	569
1 / W	3,676,585	07/11/72	Kaneko et al	178	6.8
1/ TI	3,699,317	10/1972	Middleditch	364	474.29
	3,701,019	10/1972	Jackson	340	518
U V	3,702,462	11/72	England	395	821
	3,705,310	12/72	Wild	349	24
\mathbb{N} / \mathbb{N}	3,732,366	05/08/73	Bolie .	340	146.3
/\ \ \ \ \	3,742,483	06/73	Ogle	345	69
	3,776,615	12/73	Tsukamoto et al	345	87
	3,781,865	12/25/73	Yamazaki		

EXAMINER DATE CONSIDERED

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	1		ILS. PA	ATENT DOCUMENTS		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	0.0.	NAME	CLAS	S SUBCLASS
	3,786,307	01/15/74	Robin	son	315	169TV
	3,883,728	05/13/75	Schwa	artz et al	235	152
	3,895,861	07/22/75	Hernd	lon	352	69
	3,899,662	08/12/75	Kreeg	ger et al	235	151
1	3,899,786	08/75	•	el et al	345	32
1/1	3,915,548	10/75	Opitte	ek et al	345	87
/ //	3,952,296	04/1976	Bates		345	197
N /n	3,958,220	02/1986	Marsh	nall		
	3,975,661	08/17/76	Kanat	ani	348	78
	4,005,928	02/77	Kmetz	z et al	345	195
W	4,006,298	02/01/77	Fowle	er et al	345	147
W	4,087,792	05/02/78	Asars		345	147
U.	4,125,873	11/78	Chesa	ırek		
$\wedge \wedge$	4,160,191	07/03/79	Hausf	eld	315	169.4
/ // \	4,179,586	12/1979	Mathe	ews et al	380	33
1 1 1	4,188,580	02/1980	Nicol	ai et al	380	254
1411	4,188,618	12/1971	Weisb	part	340	870.16
1.1	4,198,630	04/15/80	Sarinl	ken et al		
	4,205,389	05/80	Heartz	Z	345	524
/ T	4,245,248	01/13/81	Netra	vali et al	358	136
2 5	4,266,253	03/05/81	Mathe	erat	345	27
	4,287,529	09/81	Tatan	ni et al	348	616
V	4,317,169	02/82	Panep	ointo, Jr. et al	711	
1	4,357,624	11/1982	Green	· · · · · · · · · · · · · · · · · · ·	348	578
1	4,386,367	05/31/83	Peters	son et al	348	446
\ /	4,427,978	01/24/84	Willia	ams		
\ /	4,430,673	02/1984	Salon	non et al		
	4,494,140	01/1985	Micha	ael	348	415
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Form PTO-1449			Docket Number 307	Application Num 07/8	48,017	
INFORM	INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Applicant		
				Gilbert Hyatt		
				Filing Date	Group Art Unit	2784
				April 3, 1986		2704
			U.S. PA	TENT DOCUMENTS		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS
	4,496,972	01/1985	Lippn	ann et al		
	4,533,942	8/1985	Gall e	t al	358	78
	4,533,950	08/1985	Harsh	barger		
	4,543,572	09/24/85	Tanak	a et al	340	995
	4,553,222	11/1985	Kurlaı	nd et al	705	15
/ /	4,581,721	04/86	Gunav	wardana	365	230.09
\\\\ \\	4,589,022	05/13/86	Prince	et al	348	602
	4,591,848	05/27/86	Moroz	zumi et al		
	4,591,902	05/86	Masul	ouchi	345	147
<i> W </i>	4,600,919	07/1986	Stern		345	473
$M \sim 1$	4,614,941	09/1986	Jarvis			
$\mathbb{N} \setminus \mathcal{X}$	4,628,158	12/04/86	Rubin		379	10
(V,V)	4,651,287	3/1987	Tsao		364	519
N	4,654,877	03/87	Shimo	oni, et al.		
	4,677,576	06/30/87	Berlin	, Jr. et al	364	522
V = V = V	4,679,082	07/1987	Shibas	saki	348	466
	4,716,405	12/29/87	Yama	guchi	340	723
	4,723,171	02/02/88	Kuijk	et al		
	4,766,430	08/23/88	Gillett	te et al	345	89
/	4,771,279	09/88	Hanna	ah	345	147
Y	4,791,417	12/13/88	Bobak	C		
	4,803,551	02/1989	Park		348	466
1 1	4,820,222	04/1989	Holm	berg et al	345	93
I	4,827,085	05/02/89	Yaniv	et al	345	164
,	4,829,372	05/1989	McCa	lley et al	348	7
,	4,839,743	06/1989	Best e	t al	386	31
<u> </u>	4,897,724	01/1990	Veldh	uis		
レノ	4,930,049	05/29/90	Daver	nport et al		
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Sheet 4 of 4

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Form PTO—1	449			Docket Number	307	Application Number 07/8	48,017
INFORM	ATION DISCLOS	TIRE CITAT	ITON	Applicant		<u>L</u>	-
INFORM	IN AN APPLICA				Gilbert Hya	itt	
				Filing Date		Group Art Unit	
	•			April 3,	1986		2784
· •			U.S. PA	TENT DOCU	JMENTS		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	3	CLASS	SUBCLASS
	4,965,559	10/23/90	Dye			340	717
	4,965,825	10/1990	Harve	y et al		380	9
	5,081,523	01/1992	Frazie	r		348	178
1	5,122,791	06/16/92	Gibbo	ns et al		345	102
	5,124,695	08/23/92	Green				
Z NZ	5,185,602	02/09/93	Basset	ti, Jr. et al		345	89
10)	5,196,839	03/23/93	Johary	et al		340	793
XX	5,233,340	08/03/93	Yama	guchi et al		345	148
\bigvee	5,262,698	11/16/93	Dunha	m		315	169.1
\ \	5,867,166	02/02/99	Myhr	old et al		345	419
			OTHE	R DOCUMEN	NTS (including Aut	hor, Tüle, Date, Perti	inent Pages, Etc.)
	Foley et al., Com 364-371, 864-871 Brickman, N.F., J 13 No. 7, Dec. 19 Brickman, N.F., J Vol. 13 No. 7, De Meagher, Donald IEEE, pp. 473-47 Pertinent Concep	l (1992) LARGE SCA 070 REDUNDAN ec. 1970 l: "Efficient S	LE INTE	GRATION, IE ORY CELL Al Image Genera	BM Tech. Discl	. Bul. pp. 192 , IBM Tech. y 3-D Object	27-1928, Vol Discl. Bul., ss:, 1982

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Sheet 1 of 10

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LIST OF

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(Jak)	AE	3	5	4	4	7	7	5	12/70	Bergland et al	235	181		
Man	AF	3	5	8	1	0	7	8	5/71	Robertson	235	181		
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